

Docket No: MÜCKTER-2
Appl. No: 10/601, 280

AMENDMENTS TO THE SPECIFICATION

Replace the following paragraphs:

[0029] In another advantageous configuration of the blood pump according to the present invention, as a safety feature, the system will be maintained in such a manner that during a possible system failure, other than the immediate non-available cardiac support, there will be no further negative impact on the system which might impair the circulation or the pulmonary function. This safety feature is realized by providing that the area between the motor and the outer casing of the pump housing has a free flow diameter cross section of at least 50%, preferably 80% of the free flow diameter cross section at one end of the intermediary piece. Upon a pump failure, blood can flow virtually unobstructed through the pump using it as a conduit, to thereby maintain the blood circulatory function.

[0042] In the embodiment of the pump as shown in FIGS. 1-3, the shape of the outer casing 9 of the pump housing 7 is configured in such a fashion that the free flow diameter cross section 15 is substantially undiminished by the centrally mounted motor housing 12 with respect to a hemo-dynamically relevant stenosis.